



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

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APR 18 1984

US EPA RECORDS CENTER REGION 5



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OFFICE OF  
SOLID WASTE AND EMERGENCY RESPONSE

MEMORANDUM

SUBJECT: Request for the Office of Health and Environmental Assessment Assistance

FROM: William N. Hedeman, Jr., Director  
Office of Emergency and Remedial Response *W. N. Hedeman*

TO: Elizabeth Anderson, Director  
Office of Health and Environmental Assessment

As you are aware, we are proceeding with cleanup decisions at a number of remedial sites, some of which require input as to the effect of a chronic exposure of humans to various carcinogenic and non-carcinogenic chemicals. A current action is the Reilly Tar site, located in St. Louis Park, Minnesota.

The major chemicals of concern at this site are the polynuclear aromatic hydrocarbons (PAHs) of which a large number have been shown to be present in various well and surface water samples. As part of our decision-making process, it is necessary to consider the health effects of exposure to the PAHs and a tabulation of the available toxicological information. Members of my staff have discussed some possible approaches with your staff.

I would appreciate a very quick review of the data on both carcinogenic and non-carcinogenic PAHs by your office and assistance in selecting appropriate data for our use. Specifically, the following data would be helpful:

- (1) For carcinogenic PAHs (preferably as a group), concentration levels resulting in a narrow range of risks (such as  $10^{-5}$  and  $10^{-7}$ ) to a person drinking 2 liters per day.
- (2) For non-carcinogenic PAHs (preferably as a group), an acceptable daily intake for a drinking water exposure route.

My staff has been working with yours and it appears that the data are available from information currently available to CAG and ECAO. However, to eliminate any confusion from

staff level contacts. I would like to request your attention to this matter. Unfortunately, because of the schedule of briefings for this site and the need to supplement the city's water supply, we need this information on a very short time-frame. I apologize for the very short notice but would appreciate it if we could get the data by April 25, so that the Record of Decision can proceed as planned. Questions about the site and our data needs can be addressed to Brint Bixler at 382-2343 or Priscilla Holtzclaw at 382-2207.

Thank you for your assistance.

cc:  
Richard Bartelt, Region 5